Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 03 Jan 2021 until 23:59 on Monday 04 Jan 2021

Forecast Issued on Saturday 02 Jan 2021 at 13:52

Confidence: High for a showery easterly flow into Wednesday, turning dry later Wednesday, then lowering confidence for the timing and wintry detail of the change to a westerly frontal pattern for Thursday.

Headline for Sunday 03 Jan 2021: Sunshine and showers. Fresh summit winds bringing significant wind chill at height.

Mountain weather hazards on Sunday 03 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Light snow showers (night)	Light snow showers (night)	Light snow showers	Light snow showers	Light snow showers	Light snow showers (night)	Light snow showers (night)
Precipitation probability							
30%	40%	50%	40%	40%	40%	30%	30%

Forecast for Sunday 03 Jan 2021

Weather: Occasional showers continuing throughout Sunday, mixed with clear then bright and sunny spells. Snow level 300-400m.

Chance of cloud free mountain/hill tops above 600m: 70% with bases scattered to broken from 450-650m, sporadically lowering around showers.

Visibility: Good or very good, lowering to virtually nil in snow showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 03 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 NE	17/23 NE	16/22 NE	15/20 NE	16/22 NE	19/27 NE	20/27 NE	19/26 NE	17/24 NE
300	9/15 N	10/16 N	10/16 NE	11/17 NE	12/18 NE	13/21 NE	14/23 NE	12/20 NE	13/21 NE
Valley	8/19 N	8/20 N	8/19 N	9/20 NE	9/19 NE	9/22 NE	11/24 NE	10/22 NE	10/22 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-7	-1/-7	-1/-7	-1/-7	-1/-7	-1/-7	-1/-8	-2/-8	-2/-8
300	1/-3	1/-3	1/-3	1/-4	1/-4	2/-3	1/-4	1/-4	1/-5
Valley	2/-2	1/-2	2/-2	1/-3	2/-2	2/-2	1/-3	1/-3	1/-3
Freezing Level*	400m	500m	400m	400m	500m	500m	400m	400m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Icy conditions will persist on many paths. Some difficult conditions with hill fog and wintry showers, combining with brisk winds which bring a significant chill effect at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 02 Jan 2021	0.8mm	2.6mm	3mm

Forecast for Monday 04 Jan 2021

Weather: Another day of sunshine and showers, with eastern ranges most exposed. However outbreaks lighter and less frequent than Sunday. Snow level around 400m.

Maximum wind: East to northeast 20-25mph with gusts 35mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: Ranging from 60% in east where bases will be scattered or broken from 500-700m, and 95% plus in the west where bases only sporadically lowering across the summits, mostly in and around the showers.

Visibility: Good or very good, lowering to virtually nil in snow showers.

Temperature: **Valleys:** Minus 3 Celsius increasing plus 3 Celsius during the afternoon
At 600m: Minus 1-3 Celsius
Freezing level: Around 500M

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